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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/534,962	05/16/2005	Masayoshi Kondo	033036.088	1696
	7590 08/18/200 BRELL & RUSSELL	EXAMINER		
SUITE 3100, F	PROMENADE II		PATEL, ISHWARBHAI B	
ATLANTA, G	REE STREET, N.E. A 30309-3592		ART UNIT	PAPER NUMBER
			2841	
			MAIL DATE	DELIVERY MODE
			08/18/2008	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

## Advisory Action Before the Filing of an Appeal Brief

Ī	Application No.	Applicant(s)				
	10/534,962	KONDO ET AL.				
	Examiner	Art Unit				
	Ishwar (I. B.) Patel	2841				

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The MAILING DATE of this communication appe	ars on the cover sheet with the o	correspondence add	ress				
THE REPLY FILED 05 August 2008 FAILS TO PLACE THIS AI	PPLICATION IN CONDITION FOR	ALLOWANCE.					
1. Me reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of the application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:							
a) \( \frac{1}{2} \) The period for reply expires \( \frac{9}{2} \) months from the mailing date of this A no event, however, will the statutory period for reply expire Is Examiner Note: If box 1 is checked, check either box (a) or MONTHS OF THE FINAL REJECTION. See MPEP 706.07(	dvisory Action, or (2) the date set forth ater than SIX MONTHS from the mailing b). ONLY CHECK BOX (b) WHEN THE	date of the final rejection	on.				
Extensions of time may be obtained under 37 CFR 1,136(a). The date on which the petition under 37 CFR 1,136(a) and the appropriate extension fee have been filled is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee learners of CFR 1,17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1,704(b).  NOTICE OF APPEAL							
2. The Notice of Appeal was filed on A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(e).							
AMENDMENTS							
The proposed amendment(s) filed after a final rejection, t     (a) ☐ They raise new issues that would require further cor     (b) ☐ They raise the issue of new matter (see NOTE belo     (c) ☐ They are not deemed to place the application in bet	nsideration and/or search (see NOT w);	E below);					
appeal; and/or	ter form for appear by materially rec	rucing or simplifying ti	ie issues ioi				
(d) ☐ They present additional claims without canceling a on NOTE: (See 37 CFR 1.116 and 41.33(a)).	corresponding number of finally reje	ected claims.					
4. The amendments are not in compliance with 37 CFR 1.12	21. See attached Notice of Non-Co	mpliant Amendment (l	PTOL-324).				
<ol> <li>Applicant's reply has overcome the following rejection(s):</li> </ol>							
Newly proposed or amended claim(s) would be all non-allowable claim(s).		•					
7.  For purposes of appeal, the proposed amendment(s): a)   how the new or amended claims would be rejected is prov. The status of the claim(s) is (or will be) as follows: Claim(s) allowed:		be entered and an e	cplanation of				
Claim(s) objected to: Claim(s) rejected: <u>17-20</u> .							
Claim(s) withdrawn from consideration: <u>1-16 and 21-32</u> . AFFIDAVIT OR OTHER EVIDENCE							
The affidavit or other evidence filed after a final action, bu because applicant failed to provide a showing of good and was not earlier presented. See 37 CFR 1.116(e).							
<ol> <li>The affidavit or other evidence filed after the date of filing entered because the affidavit or other evidence failed to o showing a good and sufficient reasons why it is necessary</li> </ol>	vercome <u>all</u> rejections under appear and was not earlier presented. Se	l and/or appellant fail ee 37 CFR 41.33(d)(1	s to provide a ).				
10. The affidavit or other evidence is entered. An explanation	n of the status of the claims after er	ntry is below or attach	ed.				
REQUEST FOR RECONSIDERATION/OTHER  11. ☑ The request for reconsideration has been considered bu See Continuation Sheet.	does NOT place the application in	condition for allowan	ce because:				
12. Note the attached Information Disclosure Statement(s). (13. Other:	PTO/SB/08) Paper No(s).						
August 14, 2008	/Ishwar (I. B.) Patel/ Primary Examiner, Art U	nit 2841					

Continuation of 11. does NOT place the application in condition for allowance because:

Applicant's arguments filed on August 5, 2008 are reviewed carefully but not found to be persuasive.

Applicant argues that Shimizu discloses a wiring board wherein a bump (32) is formed for electrical connection to a land (38); see Figure 2, element 4. The electrical connection is established merely by physical contact and hence poor in reliability. In the present invention, conductor posts (105) and pads (106) are connected by a metal or an alloy so as to attain a high reliability; see Figure 1, especially Figure 1 (e) to 1 (a). See also 10090 of this anolication. This is point out in Claim 17.

This is not found to be persuasive.

Shimuzu, as applied to claim 17, disclose connection of the conductor posts (32, 39), which are made of metal, to the pads (38) with an adhesive medium (7). The claim recine "said conductor posts and pads are connected by a metal or an office more of additional conductor and pads are connected by a metal or an office more office and adhesive layer." No specific connection structure is recited in the claim. As Shimuzu discloses the structure recited in the claim, Shimuzu meets the limitation.

Applicant further argues that in the present invention, the surface coating is provided only in the flexible portion. As a result, conductor posts can be short to attain high connection reliability, and the resulting wingle poard can be thin because the milkeyer portion includes no surface coating. This benefit could not have been predicted from either of the references. Because of the absence of a surface coating on the rigid portion in the present invention, the distance between the conductor posts and the conductor pack is short so that the reliability of the connection is high and this constitutes an advantage of the present invention. Shimizu does not disclose the wirns board as a flexible board, surface coating applied to the connection is high and this constitutes an advantage of the present invention. Shimizu does not disclose the

This is not found to be persuasive.

Though, Shimizu does not disclose a flexible board, as applied to the claim rejection, board with fixeble portion and rigid portion, as disclosed by Dixon is old and known in the art. Further, Dixon discloses a surface coating for the protection of the flexible part which is exposed. As the portion of the board in multilayer region is not exposed, no surface coating is applied. The instant claim recites no surface coating on a multilayer layer portion / ro an injudice portion / region / reg

Further, replacing the middle portion of the Shimuzu by a flexible board will facilitate bending of the board to be used where flexibility in operation is needed. Therefore, a person of ordinary skill in the art at the time of applicant's invention would have been motivated to replace the middle portion of Shimuzu by a flexible board to have the desired flexibility of the board.